

100

110

Receive a First Data Value

120

Execute One or More Algorithms

130

Calculate One or More Suggested Pulse
Generator Settings

140

Display the One or More Suggested Pulse
Generator Settings

FIG. 1

12 sheets

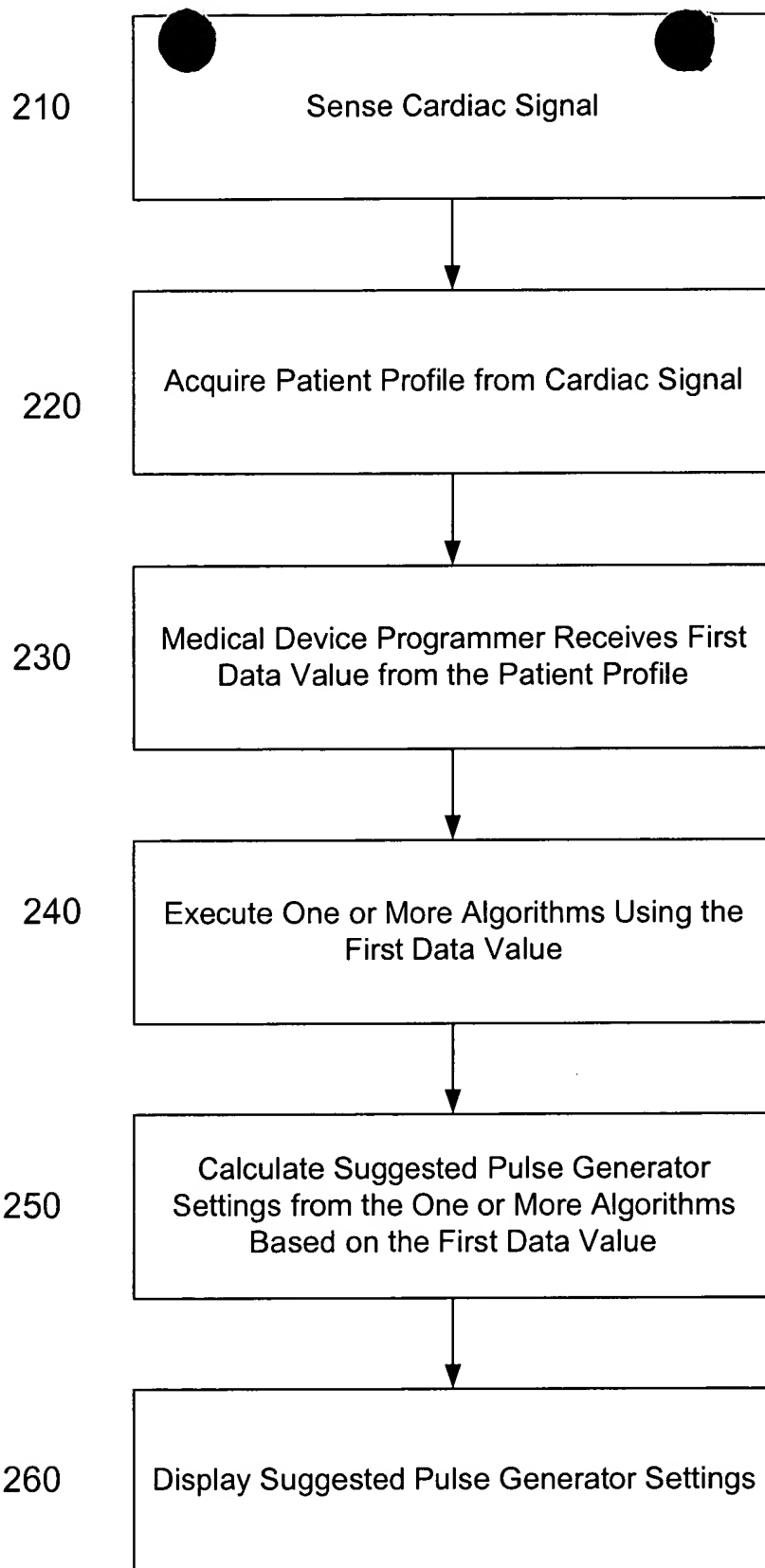


FIG. 2

310

Sense Cardiac Signal



320

Acquire Patient Profile from Cardiac Signal



330

Suggest one or more Therapy Settings
Based on Patient Profile

FIG. 3

FIG. 4 is a flowchart illustrating a method for determining ventricular chamber or chambers for delivering pacing pulses. The method includes the following steps:

410

Sense First and Second Cardiac Signals

420

Detect Cardiac Depolarizations In First and Second Cardiac Signals

430

Measure Duration Interval of QRS Complex

440

Determine Ventricular Chamber or Chambers for Delivering Pacing Pulses

Fig. 4

500

510

Sense Cardiac Signals

520

Determine AV-Interval from Sensed Cardiac Signals

530

Provide the AV interval as the First Data Value for use with the One or More Algorithms

540

Determine and Suggest an Indicated Pacing Interval for the AV-Delay

Fig. 5

600

610

Sense Cardiac Signals from the Left and
Right Ventricles

620

Determine V-V Intervals Between Ventricular
Contractions

630

Provide the V-V interval as the First Data
Value for Use with the One or More
Algorithms

640

Calculate and Suggest an LV Offset Interval
Value Based at least in part on the Most
Recent V-V Interval and a First Indicated
Pacing Interval

Fig. 6

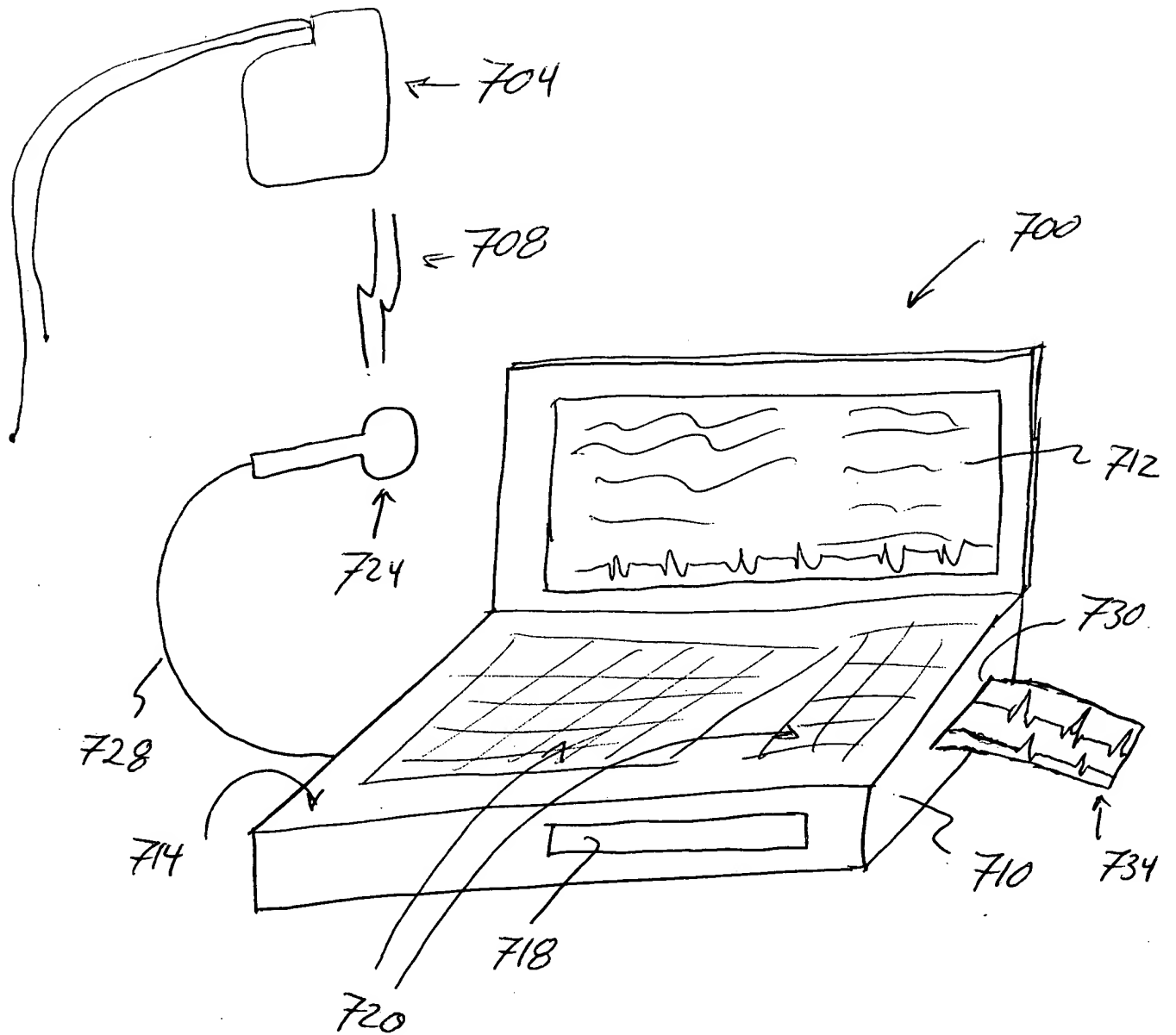


Fig. 7

700

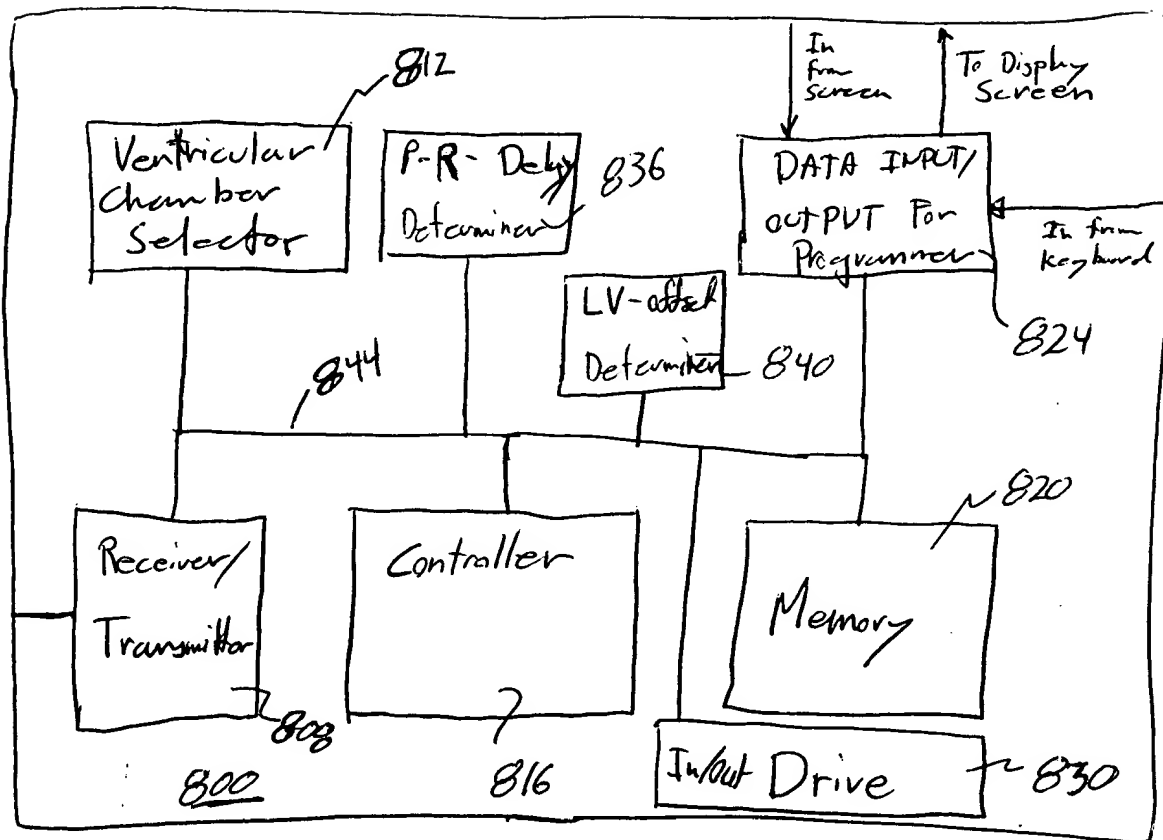


Fig. 8

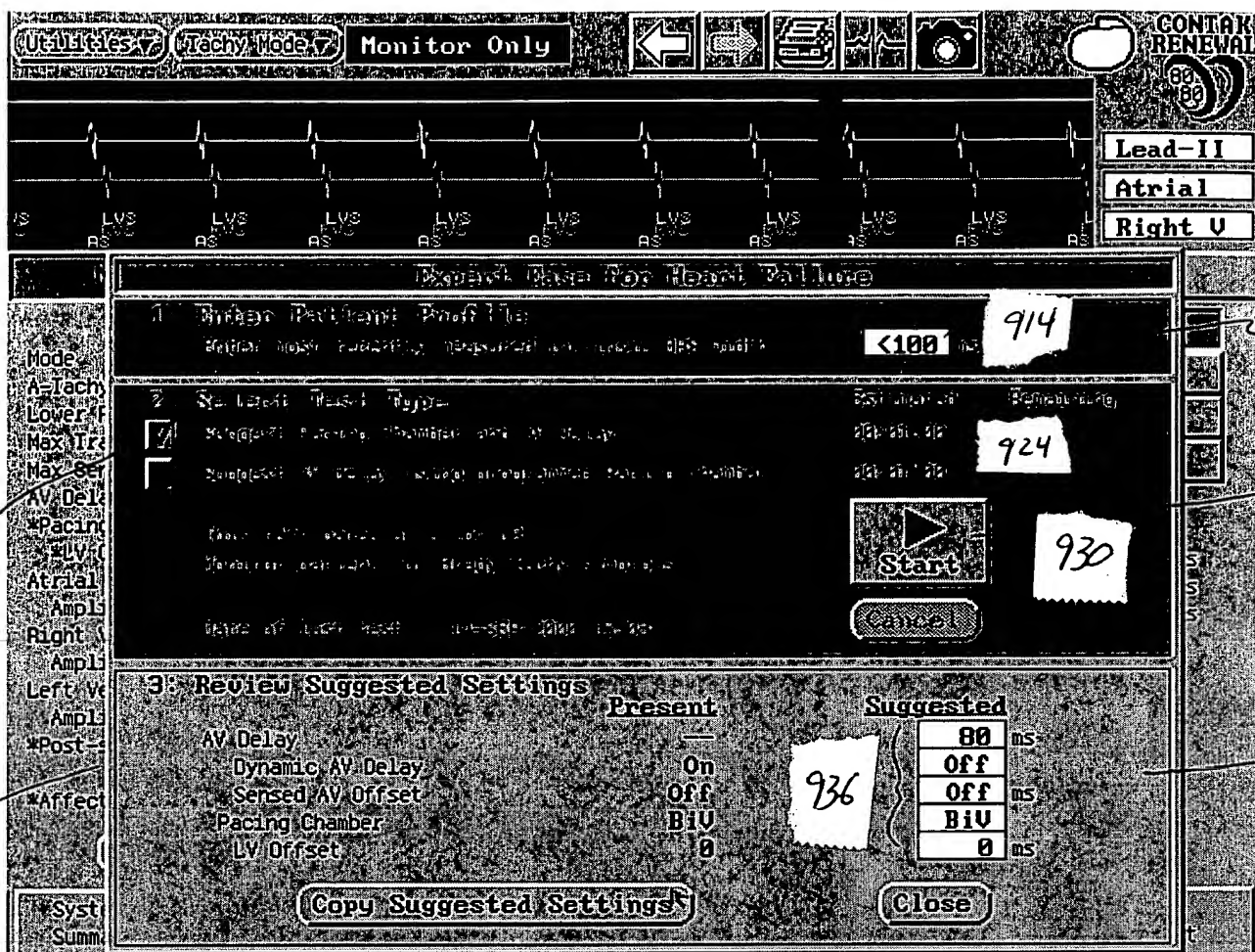


Fig. 9c

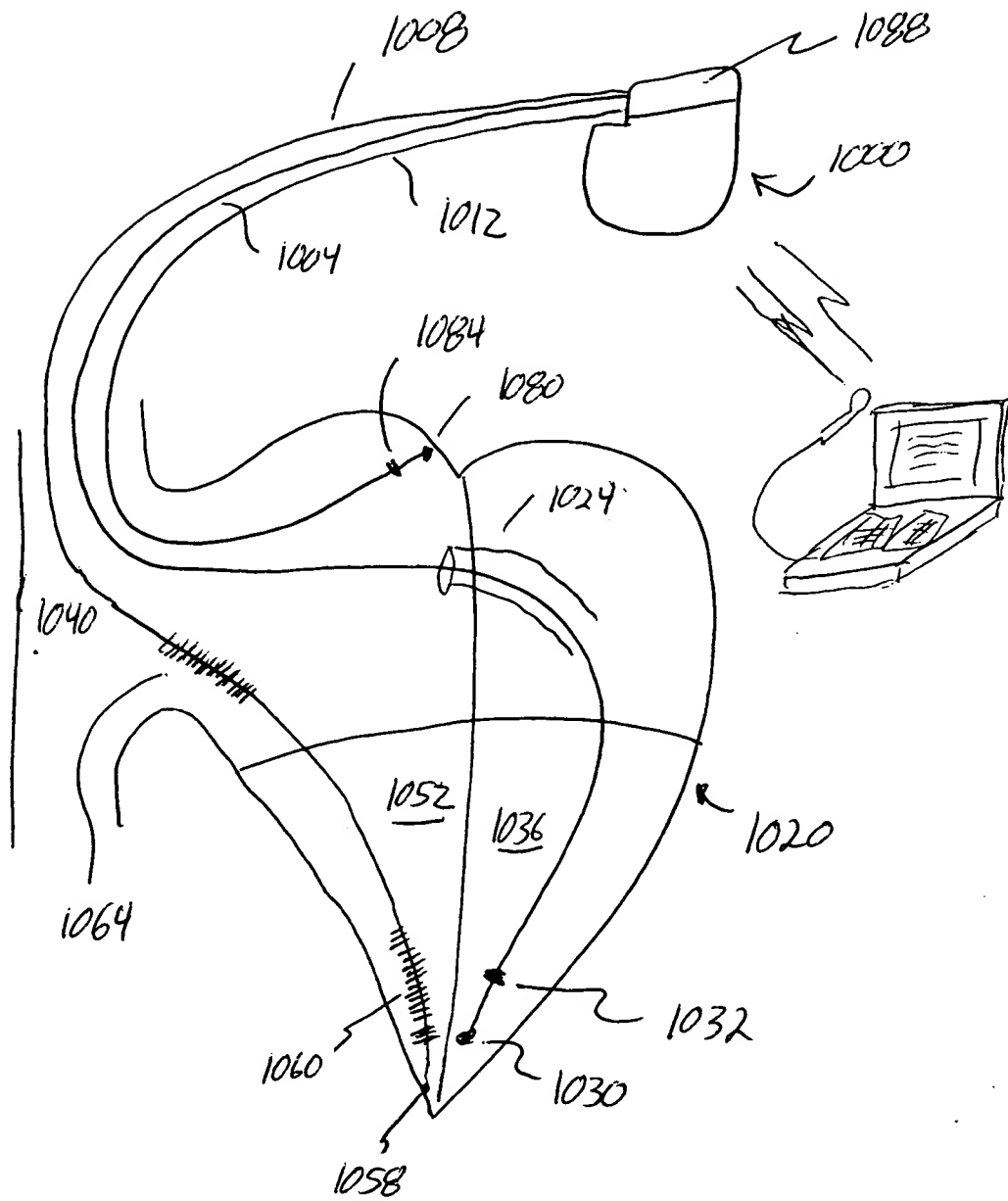


Fig. 10